US 50 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EQUIPMENT LISTS

A. EQUIPMENT TO BE FURNISHED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
*	1 EACH	DETECTOR RACK POWER SUPPLY
*	1 EACH	4-CHANNEL DETECTOR RACK
*	3 EACH	4-CHANNEL RACK MOUNTED DETECTOR AMPS
	81.9 S.F.	SHEET SLUMINUM SIGNS
	1 EACH	ASSOCIATED SHIELD ASSEMBLY SIGN, "EAST, US 50, (RIGHT ARROW)", 30" x 51", POLE MOUNTED HARDWARE
	1 EACH	ASSOCIATED SHIELD ASSEMBLY SIGN, "WEST, US 50, (LEFT ARROW)", 48" x 75", POLE MOUNTED HARDWARE
	1 EACH	ASSOCIATED SHIELD ASSEMBLY SIGN, "NORTH, MARYLAND 589, (RIGHT ARROW)", 30" x 51", POLE MOUNTED HARDWARE
	1 EACH	ASSOCIATED SHIELD ASSEMBLY SIGN, "NORTH, MARYLAND 589, (LEFT ARROW)", 30" x 51", POLE MOUNTED HARDWARE
	1 EACH	ASSOCIATED SHIELD ASSEMBLY SIGN, "NORTH, MARYLAND 589, (LEFT ARROW)", 48" x 75", POLE MOUNTED HARDWARE

* - TO BE INSTALLED BY THE SHA SIGNAL SHOP AND CHARGED TO THE DETECTOR RETROFIT CHARGE NUMBER.

B. EQUIPMENT TO BE FURNISHED AND/ OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
2002	1 C.Y.	TEST PIT EXCAVATION
8005	1 EACH	F & I 3M OPTICOM DISCRIMINATOR MODULE
8018	300 L.F.	F & I 4-CONDUCTOR OPTICOM DETECTOR CABLE
8042	81.9 S.F.	INSTALL GROUND MOUNTED SIGN
8047	2 EACH	F & I OPTICOM NO. 721 DETECTOR EYE

C. EQUIPMENT TO BE REMOVED AND RETURNED TO THE SHA

ITEM NO.	QUANTITY	DESCRIPTION

ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR

PHASE CHART

	1	2	3	4	5	6	7	8	9
	R Y G	R Y G	◄R- ◄Y- ◄G-	◄R- ◄Y- ◄G-	R Y G	R Y G	R Y G	R Y G	R Y G
PHASE 2 & 5	R	R	◄G-	◄G-	G	G	R	R	R
2 & 5 CHANGE	R	R	◄Y-	◄Y-	G	G	R	R	R
PHASE 2 & 6	G	G	◄R-	◄R-	G	G	R	R	R
2 & 6 CHANGE	Y	Y	◄R-	◄R-	Y	Y	R	R	R
PHASE 8	R	R	◄R-	◄R-	R	R	G	G	G
8 CHANGE	R	R	◄R-	◄R-	R	R	Y	Y	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/RA	FL/RA	FL/Y	FL/Y	FL/R	FL/R	FL/R

FIRE HOUSE PRE-EMPTION - PHASE 2 & 5

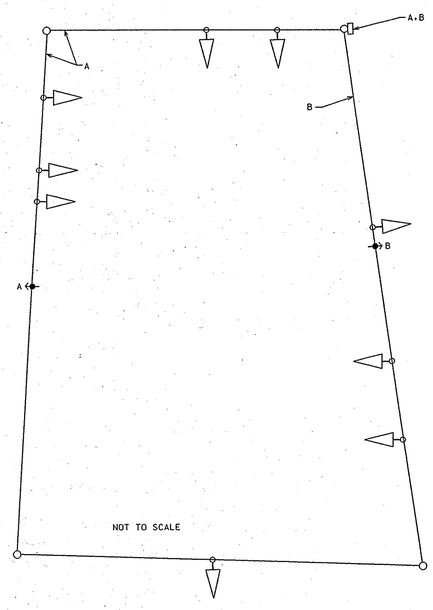
FIREHOUSE PRE-EMPTION PHASE 2 & 5	R	R	◄G-	◄G-	G	G	R	R	R
PRE-EMPTION CLEARANCE	R	R	◄Y-	◄Y-	G	G	R	R	R
PHASE 2 & 6 NORMAL OPERATION	G	G	◄R-	◄R-	G	G	R	R	R

FIRE HOUSE PRE-EMPTION - PHASE 6

FIREHOUSE PRE-EMPTION PHASE 6	G	G	◄R-	◄R-	R	R	R	R	R
PRE-EMPTION CLEARANCE	Y	Y	◄R-	◄R-	R	R	R	R	R
PHASE 2 & 6 NORMAL OPERATION	G	G	◄R-	◄R-	G	G	R	R	R

WIRING DIAGRAM

A-B = 4-CONDUCTOR OPTICOM DETECTOR CABLE



PROJECT CONTACTS

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MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

US 50 and MD 589
BERLIN, MARYLAND

DRAWN BY: William Malcolm	F.A.P. NO.	T.S. NO.	SHEET NO.
CHECKED BY:	S.H.A. NO. AT2885185	TS-375 D	
SCALE: AS NOTED	COUNTY WORCESTER	T.I.M.S. NO.	
DATE: 05/2003	LOG MILE 23005009.64	F606	2 OF 2